

## Polymer dispersions

## 5 Abstract

A description is given of a polymer dispersion comprising i) polymer particles dispersed in an aqueous medium and composed of units of ethylenically unsaturated monomers, ii) a water-soluble  
10 polymeric polyelectrolyte which along a polymeric backbone carries a large number of ionic groups of uniform charge character or groups which can be ionized to such groups, and iii)  
an ionic surfactant which carries an ionic group having a charge  
character opposite to that of the polymeric polyelectrolyte, or a  
15 group which can be ionized to such a group. The polymer dispersion can be coagulated by simple dilution with water.

20

25

30

35

40

45